25th ANNIVERSARY
1993 - 2018

2018 ANNUAL REPORT AND STRATEGIC PLAN UPDATE

Michael T. Lundberg
Executive Director

FROM NUMBERS TO KNOWLEDGE
VHI
VIRGINIA HEALTH INFORMATION
Virginia's Top Resource for Healthcare Information

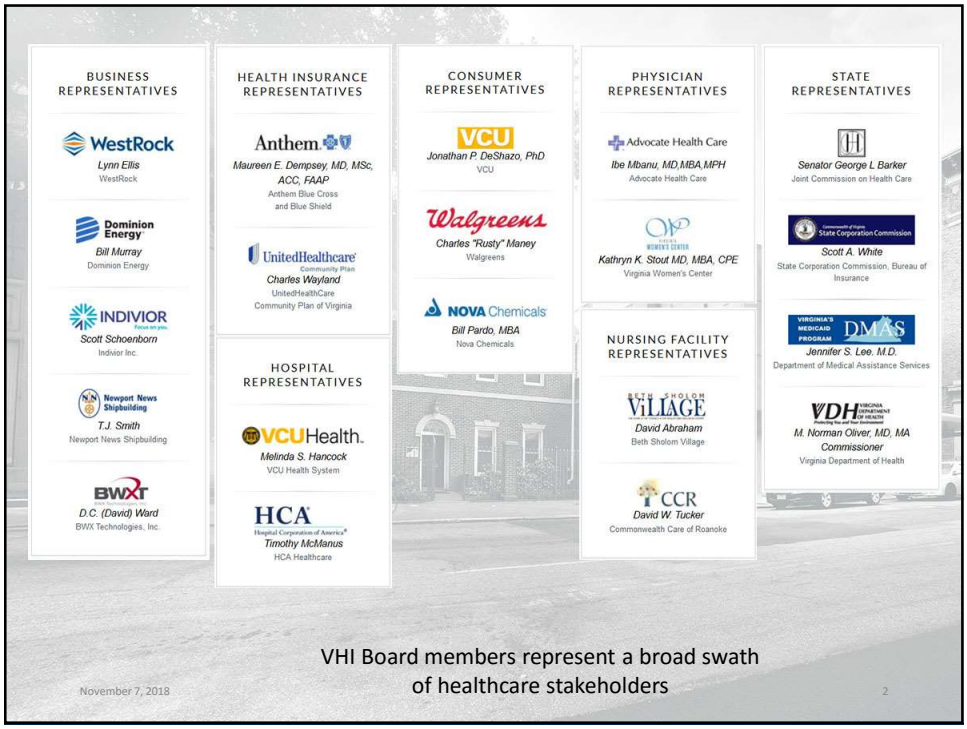
Nov 7, 2018

2018 Annual Report & Strategic Plan Update

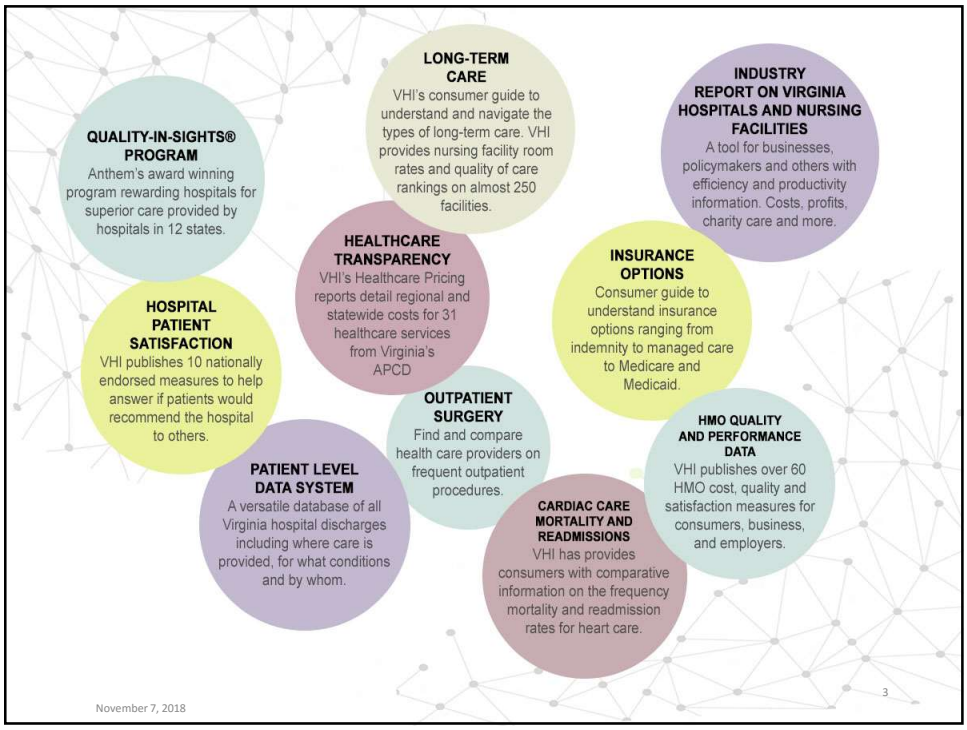
About VHI

- VHI is an independent, nonprofit, 501(c)(3) health information organization established in 1993
- Formed to administer Virginia Healthcare Data Reporting Initiatives to benefit Virginians
- Governed by a multi-stakeholder Board of Directors

Today's presentation
- VHI background
- Existing efforts
- Newly underway



VHI Board members represent a broad swath of healthcare stakeholders



Supporting Healthcare Reform

Health Information Needs Workgroup	• VHI established and operates the Health Information Needs workgroup as required by §32.1-276.9:1
Virginia General Assembly	• Collaborated with stakeholders to develop mandated charity care reporting requirements
COPN Reform	• Supported General Assembly's Joint Work Group on Certificate of Public Need (COPN) Reform
Data and Monitoring Workgroup of the Governor's Prescription Drug and Heroin Abuse Task Force	• Participants in discussion of scope of the addiction crisis and available data

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Supporting multiple studies for JCHC on Hospice, Substance Abuse, Rates of antipsychotic medications

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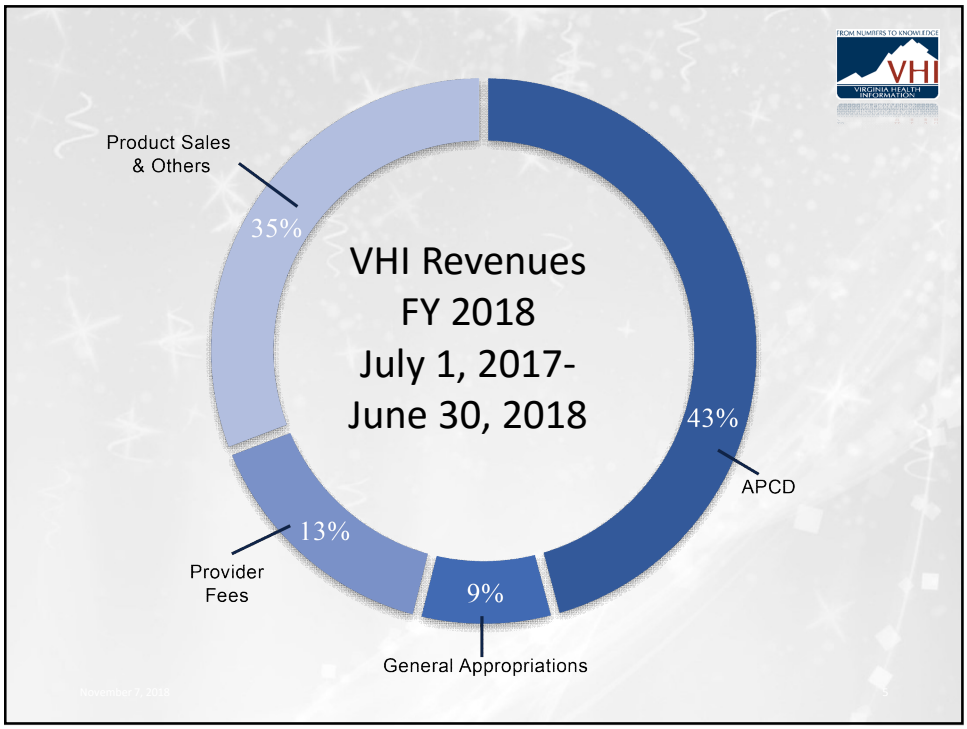

Assisting ConnectVirginia HIE

As of June 1, 2017, VHI began providing management services to ConnectVirginia HIE *(the statewide Health Information Exchange established in 2014)*

The HIE effort was initially established through the 2010 VDH and ONC State HIE Cooperative Agreement to develop/advance resources to facilitate the exchange of health information within Virginia.

ConnectVirginia provides the legal and governance framework for hospitals and health systems connected to eHealth Exchange *(the national health information Exchange)*

Existing Services include:

- The Public Health Reporting Pathway – including immunization, syndromic surveillance, and cancer
- Virginia's Advance Healthcare Directives Registry
- ConnectVirginia EXCHANGE
- Emergency Department Care Coordination (EDCC) Program

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Virginia's Emergency Department Care Coordination Program (EDCCP) Established by § 32.1-372 in 2017

- *Connect* all Virginia emergency departments (ED) with primary care physicians managed care organizations, and others when high risk patients arrive at an ED for treatment.
- *Help* establish care coordination plans for patients for the right care, with the right providers, at the right time and the right price.
- *Aid* the coordination of needed follow up care when a patient leaves the ED.
- *Integrate* with prescription monitoring program and advance directives registry.
- *Operate* under the authority of VDH under contract with ConnectVirginia and assisted by VHI.

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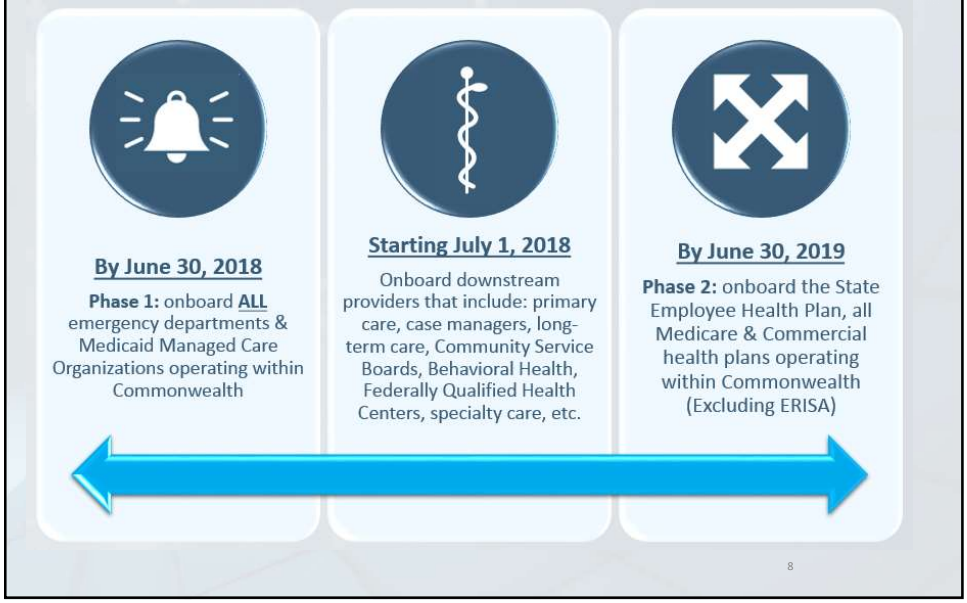
EDCC Program Timeline



EDCC Program Success Stories and Impressions

"One of our patients was using the ED for primary care with more than 40 ED visits since 2017. After outreach, her number of visits significantly decreased and she is now regularly seeing her PCP at our practice after establishing this newfound relationship. This is one example where this valuable tool is allowing us to engage with patients that need education on seeking care in the ambulatory versus acute care setting."

Sincerely,

Kirsten Watkins, MHA, FACHE
Administrative Director, Medical Education, Riverside Health System

18 year old with degenerative eye disease presented at ED over 5 times. A health plan field care coordinator was alerted that the patient had been admitted to the ED for suicidal ideation and visited the patient in their room.

The patient has not returned to the ED since receiving support, including therapy sessions

Hospitalists are really liking the EDie alerts, which shows them when and where the patient has been

That's really awesome! So exciting! Pretty magical.

This is huge.

Game changer for VA. Real-time is beautiful, This is almost a one-stop-shop…less leg work

Pre-Manage is our new best friend!

Slide 9

All Payer Claims Databases (APCD)

- Aggregation of paid health insurance claims
- Provides wider view of healthcare than elsewhere available
- A tool for employers and consumers, public health, policymakers, health plans, providers
- Mandatory in 16 states, implementing in 5, strong interest in 7, voluntary in 6

Source: APCD Council 2018

Virginia's voluntary APCD was established in 2012

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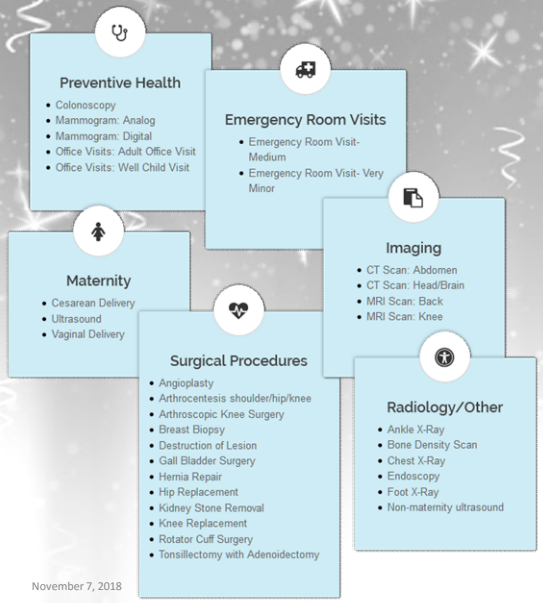
VHI's Healthcare Pricing Report



Includes frequently performed services that contrasts prices on geographical regions and site of care; ambulatory surgical center, inpatient, hospital outpatient, and physician office.

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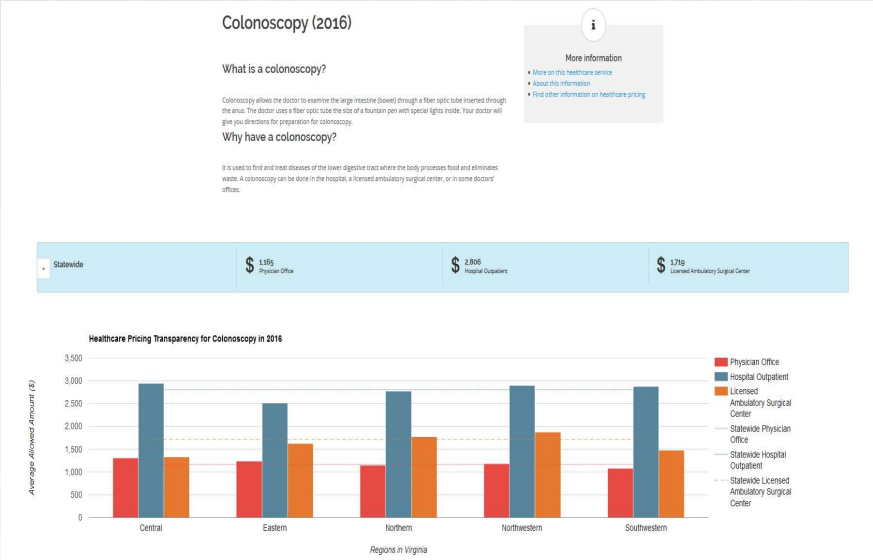
Healthcare Pricing Report



Uses of APCD Data to Further the Triple Aim:

Trends in proxy lab costs by healthcare facility type

Impact of geographic factors on care provided by PCPs

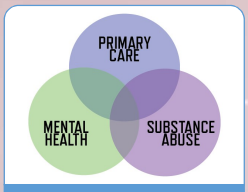
Asthma interventions, antibiotic misuse

Choosing Wisely®
An initiative of the ABIM Foundation

Low value service reports

Uses of APCD Data to Further the Triple Aim:

Trends in urgent care episodes



Substance Abuse Care Indicators

Prescription trends for nursing home patients with dementia

Identifying Potentially Low Value Care

Octob

3rd most read H.A. article of 2017!

Health Affairs

AT THE INTERSECTION OF HEALTH, HEALTH CARE, AND POLICY

By John N. Mafi, Kyle Russell, Beth A. Bortz, Marcos Dachary, William A. Hazel Jr., and

DATAWATCH

Low-Cost, High-Volume Health Services Contribute The Most To Unnecessary Health Spending

An analysis of data for 2014 about forty-four low-value health services in the Virginia All Payer Claims Database revealed more than $586 million in unnecessary costs. Among these low-value services, those that were low and very low cost ($538 or less per service) were delivered far more frequently than services that were high and very high cost ($539 or more). The combined costs of the former group were nearly twice those of the latter (65 percent versus 35 percent).

Reporting Total Cost of Care

- VHI was awarded grant funding from the Network for Regional Healthcare Improvement (NRHI) & the Robert Wood Johnson Foundation to address barriers to reporting on Total Cost of Care (TCoC) by healthcare provider/group
- VHI has received approval from the APCD Advisory Committee to begin work towards reporting TCoC in 2019

nrhi Getting to Affordability

VIRGINIA HEALTH INFORMATION CASE STUDY

Virginia Health Information: Engaging Health Plans in Affordability

As healthcare organizations across America move from volume-based models to value-based models, their payment and cost evaluation methods must evolve accordingly. Through the Getting to Affordability project, the Network for Regional Healthcare Improvement (NRHI) with support from the Robert Wood Johnson Foundation is leading the way in establishing a standard way to report cost information so that it aligns with national efforts and yet is consistent, relevant and actionable at the local level. NRHI recognizes that regions of the country are in different places on the continuum of measuring and reporting Total Cost of Care. In an effort to leverage and spread learnings across regions, keep communities engaged and keep organizations moving forward with this work, a funding opportunity was offered for development regions to work on overcoming specific barriers.

These Case Studies are the stories of how each development region gathered **lessons from the field** and applied them **to the field** to meet the needs of their particular communities, and advance payment and cost reforms in the process.

The Barrier: Engaging Health Plans

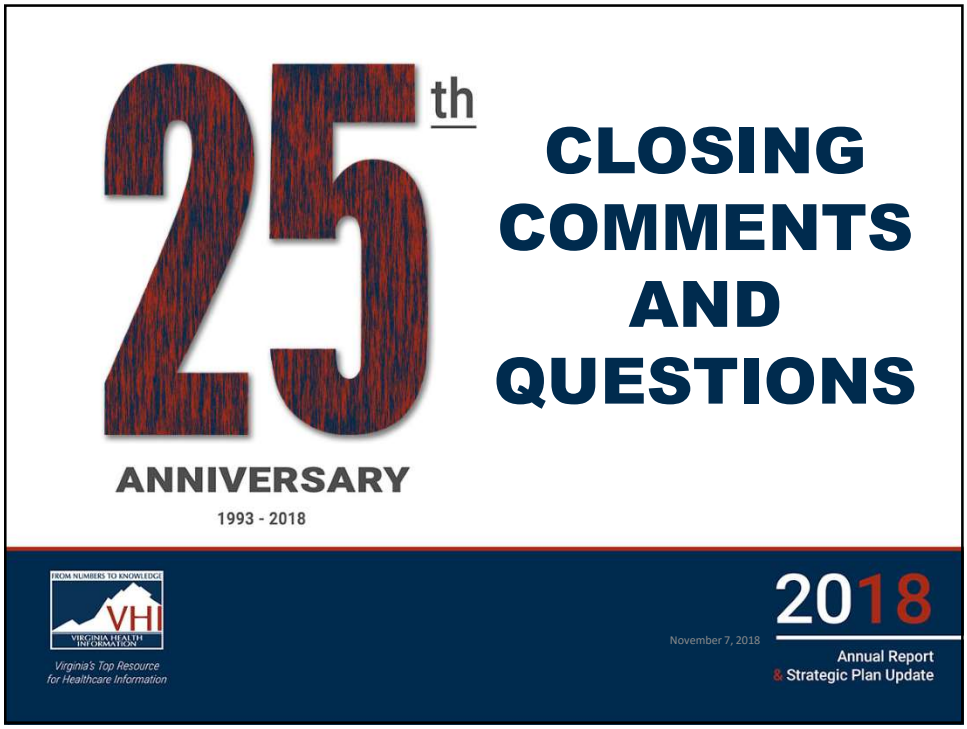
Virginia Health Information (VHI) has a long history of publicly reporting on the cost and quality of healthcare. They are often sought out by legislators, consumers and other healthcare stakeholders to serve as the source of unbiased reporting on these matters in Virginia. There is currently no equivalent reporting

VHI's vision is an environment where credible, unbiased and timely information is readily available to consumers and purchasers to make informed healthcare decisions. Toward that goal, VHI's mission since 1992 has been to create and disseminate healthcare information to promote informed decision making by Virginia consumers and purchasers and enhance the quality of healthcare

- Collects, analyzes and disseminates select outpatient procedures from all ambulatory surgical centers, hospitals and practitioner offices
- Maintains the only financial and utilization database on hospitals, ambulatory surgical centers and nursing facilities

APCD Stakeholder Support

Optima Health	"Optima is an enthusiastic supporter of Virginia's voluntary All Payer Claims Database. Optima contributes claims and provides funding to ensure we and many others have access to this important information to better understand and improve the quality of healthcare in Virginia." David Neuwirth Director, Medical Economics & Data Analytics
United HealthCare	"VHI continues their leadership role among state All Payer Claims Databases and is a strong proponent of national standards for data submission. VHI shares the vision of data standardization across APCDs to reduce the administrative burden of data submission amongst plans while increasing the value by enabling the regional and cross-state comparisons of healthcare data. VHI's strategy includes providing health insurance companies with the analytical tools to effectively use APCD data in support of our joint efforts to improve health and reduce costs." Bernie Inskeep, United HealthCare
Inova Health System	"MedInsight provides significant flexibility and capability for our data analysis and reporting." Paul Dreyer, Director of Strategic Planning
University of Virginia	"Data from the Virginia APCD is helping us better understand the impact of the opioid crisis in medically underserved areas of the state."- Virginia LeBaron, Ph.D, Assistant Professor UVA School of Medicine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